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CNC数控机械加工, 瑞典三坐标测量机自动测量, 零件出口德国瑞士, 提供可靠的信赖协作

日本钢材牌号	美国钢材牌号	德国钢材牌号	中国钢材牌号	英国钢材牌号	法国钢材牌号
SS330	GradeB	1.0035	Q195	S185	
SPHC	GradeB	1.0035	Q195	S185	
SS330	GradeC		Q215		
SPHC	CSTypeB		Q215		
SS440	GradeD	1.0038	Q235	S235JR	
SS440	SS Grade33[230]	1.0114	Q235	S235J0	
SS440	SS Grade33[230]	1.0117	Q235	S235J2	
SS440	Grade36[250]		Q255		
SM400A	Grade36[250]Type1		Q255		
SM400B	Grade36[250]Type1		Q255		
SS490	SS Grade40[275]	1.0044	Q275	S275JR	
SS490	SS Grade40[275]	1.0143	Q275	S275J0	
SS490	SS Grade40[275]	1.0145	Q275	S275J2	
SPFC490	Grade42[290]	1.0050*	Q295	E295	
SPFC590	Grade50[345]	1.0060*	Q345	E335	
SPFC590	Grade50[345]	1.0045)	Q345	S355JR	
SPFC590	Grade50[345]	1.0553	Q345	S355J0	
SPFC590	Grade50[345]	1.0577	Q345	S355JZ	
SPFC590	Grade50[345]	1.0596	Q345	S355KZ	
SPFC590	Grade50[345]	1.0546	Q345	S355NL	
STKT540	Grade55[380]		Q390		
SEV295	Grade60[415]	1.8912	Q420	S420NL	
SEV295	Grade60[415]	1.8836	Q420	S420ML	
SM570	Grade60[450]	1.8903	Q460	S460NL	
SMA570W	Grade60[450]	1.8838	Q460	S460ML	
SMA570P	Grade60[450]	1.8903	Q460	S460NL	
SPFC980Y		1.8924	Q500	S500Q	
SPFC980Y		1.8909	Q500	S500QL	
SPFC980Y		1.8984	Q500	S500QL1	
	Type8 Grade80[550]	1.8904	Q550	S550Q	
	Type8 Grade80[550]	1.8926	Q550	S550QL	
	Type8 Grade80[550]	1.8986	Q550	S550QL1	
		1.8914	Q620	S620Q	
		1.8927	Q620	S620QL	
		1.8987	Q620	S620QL1	
SHY685	100[690] TypeQ	1.8931	Q690	S690Q	
SHY685	100W[690W]TypeQ	1.8928	Q690	S690QL	
SHY685	100[690] TypeQ	1.8988	Q690	S690QL1	
	1005	1.0312	05F	DC05	
	1005 (UNS编号G10050)	1.0312	05F	DC05	

SPHD	1008	1.0330*	08F	DC01	
SPHE	1008	1.0330*	08F	DC01	
SPHD	1010	1.0330*	10F	DC01	
SPHE	1010	1.0330*	10F	DC01	
S15C	1015		15F		
SPHE	1008	1.0330*	08*	DC01	
S10C	1008	1.0347	08*	DC03	
SPHD	1008	1.0330*	08A1	DC01	
SPHE	1008	1.0330*	08A1	DC01	
S10C	1010	1.0330*	10	DC01	
S10C	1010	1.0214	10	C10C	
S15C	1015	1.0234	15	C15C	
S20C	1020	1.0402	20	C22	
S20C	1020	1.0411	20	C20C	
S25C	1025	1.0406	25	C25	
S30C	1030	1.0528	30	C30	
S35C	1035	1.0501	35	C35	
S40C	1040	1.0511	40	C40	
S45C	1045	1.0503	45	C45	
S50C	1050	1.054	50	C50	
S55C	1055	1.0535	55	C55	
S58C	1060	1.0601	60	C60	
SWRH 67B	1065	1.0612	65	C66D	
SWRH 72A	1070	1.0615	70	C70D	
SWRH 72B	1070	1.0615	70	C70D	
SWRH 77A	1075	1.0614	75	C76D	
SWRH 77B	1075	1.0614	75	C76D	
SWRH 82A	1080	1.0622	80	C80D	
SWRH 82B	1080	1.0622	80	C80D	
SWRH 82A	1084	1.0616	85	C86D	
SWRH 82B	1084	1.0616	85	C86D	
SWRCH 16K	1016		15Mn		
SWRCH 22K	1022	1.0402	20Mn	C22	
SWRCH 22K	1026	1.0415	25Mn	C26D	
SWRCH 30K	1030	1.0528	30Mn	C30	
SWRCH 35K	1037	1.0501	35Mn	C35	
SWRCH 40K	1039	1.0511	40Mn	C40	
SWRCH 45K	1046	1.0503	45Mn	C45	
SWRCH 50K	1053	1.0540*	50Mn	C50	
SWRH 62B	1060	1.0601	60Mn	C60	
SWRH 67B	1566		65Mn		
SWRH 72B	1572		70Mn		
	1005 (G10050)		C3D2		
SWRM6	1005 (G10050)	1.0300*	C5D2	C4D	
SWRM6	1006 (G10060)	1.0300*	C5D2	C4D	

SWRM8	1008 (G10080)	1.0304	C8D2	C9D	
SWRM10	1010 (G10100)	1.031	C10D2	C10D	
SWRM12	1012	1.0311	C12D2	C12D	
SWRM15	1015 (G10150)	1.0413	C15D2	C15D	
SWRM17	1017	1.0416	C18D2	C18D	
SWRM20	1020 (G10200)	1.0414	C20D2	C20D	
SWRH27	1025 (G10250)	1.0415	C26D2	C26D	
SWRH27	1026 (G10260)	1.0415	C26D2	C26D	
SWRH32	1030 (G10300)	1.0530*	C32D2	C32D	
SWRH37	1034 (G10340)	1.0516	C36D2	C38D	
SWRH37	1038 (G10380)	1.0516	C38D2	C38D	
SWRH37	1040 (G10400)	1.0541	C40D2	C42D	
SWRH 42A			C42D2A		
	1042 (G10420)	1.0541	C42D2	C42D	
SWRH 42B	1042 (G10420)		C42D2B		
SWRH 47A			C46D2A		
	1045 (G10450)	1.0517	C46D2	C48D	
SWRH 47B	1045 (G10450)		C46D2B		
SWRH 47A			C48D2A		
	1049 (G10490)	1.0517	C48D2	C48D	
SWRH47B	1049 (G10490)		C48D2B		
SWRH 47A			C50D2A		
	1050 (G10500)	1.0586	C50D2	C50D	
SWRH 47B	1050 (G10500)		C50D2B		
SWRH 47B	1053 (G10530)		C50D2B		
SWRH 52A			C52D2A		
	1050 (G10500)	1.0588	C52D2	C52D	
SWRH 52B	1050 (G10500)		C52D2B		
SWRH 52B	1053 (G10530)		C52D2B		
SWRH 52A			C56D2A		
SWRH 57A			C56D2A		
	1055 (G10550)	1.0518	C56D2	C56D	
SWRH 52B	1055 (G10550)		C56D2B		
SWRH 57B	1055 (G10550)		C56D2B		
SWRH 57A			C58D2A		
	1059 (G10590)	1.0609	C58D2	C58D	
SWRH 57B	1059 (G10590)		C58D2B		
SWRH 57B	1060 (G10600)		C58D2B		
SWRH 57A			C60D2A		
	1059 (G10590)	1.0610*	C60D2	C60D	
SWRH 57B	1059 (G10590)		C60D2B		
SWRH 62B	1060 (G10600)		C60D2B		
SWRS 62A			C62D2A		
	1064 (G10640)	1.0611	C62D2	C62D	
SWRS 62B	1064 (G10640)		C62D2B		

SWRS 62B	1065 (G10650)		C62D2B		
SWRS 67A			C66D2A		
	1064 (G10640)	1.0612	C66D2	C66D	
SWRS 67B	1065 (G10650)	1.0612	C66D2B	C66D	
SWRS 67A			C68D2A		
	1069 (G10690)	1.0613	C68D2	C68D	
SWRS 67B	1070 (G10700)		C68D2B		
SWRS 72A			C70D2A		
	1069 (G10690)	1.0615	C70D2	C70D	
SWRS 72B	1070 (G10700)		C70D2B		
SWRS 72A			C72D2A		
	1069 (G10690)	1.0617	C72D2	C72D	
SWRS 72B	1070 (G10700)		C72D2B		
SWRS 75A	1078 (G10780)		C76D2A		
	1075 (G10750)	1.0614	C76D2	C76D	
SWRS 75B	1080 (G10800)		C76D2B		
SWRS 77A	1078 (G10780)		C78D2A		
	1075 (G10750)	1.0620*	C78D2	C78D	
SWRS 77B	1080 (G10800)		C78D2B		
SWRS 80A	1078 (G10780)		C80D2A		
	1075 (G10750)	1.0622	C80D2	C80D	
SWRS 80B	1080 (G10800)		C80D2B		
SWRS 82A	1078 (G10780)		C82D2A		
	1075 (G10750)	1.0626	C82D2	C82D	
SWRS 82B	1080 (G10800)		C82D2B		
SWRS 87A	1086 (G10860)		C86D2A		
		1.0616	C86D2	C86D	
SWRS 87B	1085 (G10850)		C86D2B		
SWRS 87B	1084 (G10840)		C86D2B		
SWRS 87A	1086 (G10860)		C88D2A		
		1.0628	C88D2	C88D	
SWRS 87B	1090 (G10900)		C88D2B		
SWRS 92A	1095 (G10950)		C92D2A		
		1.0618	C92D2	C92D	
SWRS 92B	1090 (G10900)		C92D2B		
	1095 (G10950)		C98D2A		
			C98D2		
			C98D2B		
SMn420	1524	1.0473	20Mn2	P355GH	
SMn420	1524	1.0473	20Mn2A	P355GH	
SMn420	1524	1.0473	20Mn2E	P355GH	
SMn433	1330	1.1170*	30Mn2	28Mn6	
SMn433	1330	1.1170*	30Mn2A	28Mn6	
SMn433	1330	1.1170*	30Mn2E	28Mn6	
SMn438	1335		35Mn2		

SMn438	1335		35Mn2A		
SMn438	1335		35Mn2E		
SMn438	1340		40Mn2		
SMn438	1340		40Mn2A		
SMn438	1340		40Mn2E		
SMnC443	1345		45Mn2		
SMnC443	1345		45Mn2A		
SMnC443	1345		45Mn2E		
			50Mn2		
			50Mn2A		
			50Mn2E		
			20MnV		
			20MnVA		
			20MnVE		
			27SiMn		
			27SiMnA		
			27SiMnE		
			35SiMn		
			35SiMnA		
			35SiMnE		
			42SiMn		
			42SiMnA		
			42SiMnE		
			20SiMn2MoV		
			20SiMn2MoVA		
			20SiMn2MoVE		
			25SiMn2MoV		
			25SiMn2MoVA		
			25SiMn2MoVE		
			37SiMn2MoV		
			37SiMn2MoVA		
			37SiMn2MoVE		
	1040	1.5515	40B	38B2	
	1040	1.5515	40BA	38B2	
	1040	1.5515	40BE	38B2	
	1045		45B		
	1045		45BA		
	1045		45BE		
	1050		50B		
	1050		50BA		
	1050		50BE		
	1541	1.5538	40MnB	37MnB5	
	1541	1.5538	40MnBA	37MnB5	
	1541	1.5538	40MnBE	37MnB5	
	1547		45MnB		

	1547		45MnBA		
	1547		45MnBE		
			20MnMoB		
			20MnMoBA		
			20MnMoBE		
			15MnVB		
			15MnVBA		
			15MnVBE		
			20MnVB		
			20MnVBA		
			20MnVBE		
			40MnVB		
			40MnVBA		
			40MnVBE		
			20MnTiB		
			20MnTiBA		
			20MnTiBE		
			25MnTiBRE		
			25MnTiBREA		
			25MnTiBREE		
SCr415	5115	1.7016	15Cr	17Cr3	
SCr415	5115	1.7016	15CrE	17Cr3	
SCr415	5115	1.7016	15CrA	17Cr3	
SCr420	5120	1.7016	20Cr	17Cr3	
SCr420	5120	1.7016	20CrA	17Cr3	
SCr420	5120	1.7016	20CrE	17Cr3	
SCr430	5130	1.7030*	30Cr	28Cr4	
SCr430	5130	1.7030*	30CrA	28Cr4	
SCr430	5130	1.7030*	30CrE	28Cr4	
SCr435	5135	1.7033	35Cr	34Cr4	
SCr435	5135	1.7033	35CrA	34Cr4	
SCr435	5135	1.7033	35CrE	34Cr4	
SCr440	5140	1.7035	40Cr	41Cr4	
SCr440	5140	1.7035	40CrA	41Cr4	
SCr440	5140	1.7035	40CrE	41Cr4	
SCr445	5145		45Cr		
SCr445	5145		45CrA		
SCr445	5145		45CrE		
	5150		50Cr		
	5150		50CrA		
	5150		50CrE		
			38CrSi		
			38CrSiA		
			12CrMo		
			12CrMoA		

			12CrMoE		
SCM415		1.7243	15CrMo	18CrMo4	
SCM415		1.7243	15CrMoA	18CrMo4	
SCM415		1.7243	15CrMoE	18CrMo4	
SCM420	4118	1.7243	20CrMo	18CrMo4	
SCM420	4118	1.7243	20CrMoA	18CrMo4	
SCM420	4118	1.7243	20CrMoE	18CrMo4	
SCM430	4130	1.7218	30CrMo	25CrMo4	
SCM430	4130	1.7218	30CrMoE	25CrMo4	
SCM430	4130	1.7218	30CrMoA	25CrMo4	
SCM435	4135	1.7220*	35CrMo	34CrMo4	
SCM435	4135	1.7220*	35CrMoA	34CrMo4	
SCM435	4135	1.7220*	35CrMoE	34CrMo4	
SCM440	4142	1.7225	42CrMo	42CrMo4	
SCM440	4142	1.7225	42CrMoA	42CrMo4	
SCM440	4142	1.7225	42CrMoE	42CrMo4	
			12CrMoV		
			12CrMoVA		
			12CrMoVE		
SCM435	4135	1.7220*	35CrMoV	34CrMo4	
SCM435	4135	1.7220*	35CrMoVA	34CrMo4	
SCM435	4135	1.7220*	35CrMoVE	34CrMo4	
			12Cr1MoV		
			12Cr1MoVA		
			12Cr1MoVE		
			25Cr2MoVA		
			25Cr2MoV		
			25Cr2MoVE		
			25Cr2Mo1VA		
			25Cr2Mo1V		
			25Cr2Mo1VE		
			38CrMoAl		
			38CrMoAlA		
			38CrMoAlE		
			40CrV		
			40CrVA		
			40CrVE		
SUP10	6150	1.8159	50CrVA	51CrV4	
SUP10	6150	1.8159	50CrV	51CrV4	
SUP10	6150	1.8159	50CrVE	51CrV4	
	5115	1.7131	15CrMn	16MnCr5	
	5115	1.7131	15CrMnA	16MnCr5	
	5115	1.7131	15CrMnE	16MnCr5	
SMnC420	5120	1.7147	20CrMn	20MnCr5	
SMnC420	5120	1.7147	20CrMnA	20MnCr5	

SMnC420	5120	1.7147	20CrMnE	20MnCr5	
	5140	1.7035	40CrMn	41Cr4	
	5140	1.7035	40CrMnA	41Cr4	
	5140	1.7035	40CrMnE	41Cr4	
			20CrMnSi		
			20CrMnSiA		
			20CrMnSiE		
			25CrMnSi		
			25CrMnSiA		
			25CrMnSiE		
			30CrMnSi		
			30CrMnSiE		
			30CrMnSiA		
			35CrMnSiA		
			35CrMnSi		
			35CrMnSiAE		
SCM421			20CrMnMo		
SCM421			20CrMnMoA		
SCM421			20CrMnMoE		
SCM440	4140	1.7225	40CrMnMo	42CrMo4	
SCM440	4140	1.7225	40CrMnMoA	42CrMo4	
SCM440	4140	1.7225	40CrMnMoE	42CrMo4	
			20CrMnTi		
			20CrMnTiA		
			20CrMnTiE		
			30CrMnTi		
			30CrMnTiA		
			30CrMnTiE		
	4720	1.5810*	20CrNi	18NiCr5-4	
	4720	1.5810*	20CrNiA	18NiCr5-4	
	4720	1.5810*	20CrNiE	18NiCr5-4	
SNC236			40CrNi		
SNC236			40CrNiA		
SNC236			40CrNiE		
			45CrNi		
			45CrNiA		
			45CrNiE		
			50CrNi		
			50CrNiA		
			50CrNiE		
SNC415	4320	1.5805	12CrNi2	10NiCr5-4	
SNC415	4320	1.5805	12CrNi2A	10NiCr5-4	
SNC415	4320	1.5805	12CrNi2E	10NiCr5-4	
SNC815	E9310	1.5752	12CrNi3	15NiCr13	
SNC815	E9310	1.5752	12CrNi3A	15NiCr13	



SNC815	E9310	1.5752	12CrNi3E	15NiCr13	
		1.5752	20CrNi3	15NiCr13	
		1.5752	20CrNi3A	15NiCr13	
		1.5752	20CrNi3E	15NiCr13	
SNC631			30CrNi3		
SNC631			30CrNi3A		
SNC631			30CrNi3E		
SNC836			37CrNi3		
SNC836			37CrNi3A		
SNC836			37CrNi3E		
			12Cr2Ni4		
			12Cr2Ni4A		
			12Cr2Ni4E		
SNC815		1.5752	20Cr2Ni4	15NiCr13	
SNC815		1.5752	20Cr2Ni4A	15NiCr13	
SNC815		1.5752	20Cr2Ni4E	15NiCr13	
SNCM220	8620 (G86200)	1.6523	20CrNiMo	20NiCrMo2-2	
SNCM220	8620	1.6523	20CrNiMoA	20NiCrMo2-2	
SNCM220	8620	1.6523	20CrNiMoE	20NiCrMo2-2	
SNCM439	4340	1.6511	40CrNiMoA	36CrNiMo4	
SNCM439	E4340	1.6511	40CrNiMo	36CrNiMo4	
SNCM439	4340	1.6511	40CrNiMoE	36CrNiMo4	
			18CrNiMnMoA		
			18CrNiMnMo		
			18CrNiMnMoE		
SNCM439	4340	1.6511	45CrNiMoVA	36CrNiMo4	
SNCM447	4340	1.6511	45CrNiMoV	36CrNiMo4	
SNCM439	4340	1.6511	45CrNiMoVE	36CrNiMo4	
SNC815		1.5752	18Cr2Ni4WA	15NiCr13	
SNC815		1.5752	18Cr2Ni4W	15NiCr13	
SNC815		1.5752	18Cr2Ni4WE	15NiCr13	
			25Cr2Ni4WA		
			25Cr2Ni4W		
			25Cr2Ni4WE		
		1.1191	45H	C45E	
		1.1201	45H	C45R	
SCr415H			15CrH		
SCr420H	5120H (H51200)	1.7016	20CrH	17Cr3	
SCr420H	5120H (H51200)	1.7016	20Cr1H	17Cr3	
SCr440H	5140H (H51400)	1.7035	40CrH	41Cr4	
SCr440H	5145H (H51450)	1.7035	45CrH	41Cr4	
		1.7131	16CrMnH	16MnCr5	
		1.7147	20CrMnH	20MnCr5	
		1.7160*	15CrMnBH	16MnCrB5	
		1.7160*	17CrMnBH	16MnCrB5	

		1.5532	40MnBH	38MnB5	
	50B44H(H50441)		45MnBH		
			20MnVBH		
			20MnTiBH		
SCM415H		1.7243	15CrMoH	18CrMo4	
SCM420H		1.7320*	20CrMoH	20MoCr3	
SCM822H		1.7333	22CrMoH	22CrMoS3-5	
SCM440H		1.7225	42CrMoH	42CrMo4	
SCM420H			20CrMnMoH		
			20CrMnTiH		
			20CrNi3H		
			12Cr2Ni4H		
SNCM220H	8620H(H86200)	1.6523	20CrNiMoH	20NiCrMo2-2	
SNCM420H	4320H(H43200)	1.6571	20CrNi2MoH	20NiCrMoS6-4	
		1.0303	ML04A1	C4C	
SWRCH8A	1010	1.0213	ML08A1	C8C	
SWRCH10A	1012	1.0214	ML10A1	C10C	
SWRCH15A	1015	1.0234	ML15A1	C15C	
SWRCH10K	1010	1.0214	ML10	C10C	
SWRCH15K	1015	1.0234	ML15	C15C	
SWRCH18K	1017	1.0434	ML18	C17C	
SWRCH20A	1020	1.0411	ML20A1	C20C	
SWRCH20K	1020	1.0411	ML20	C20C	
SWRCH18A		1.1147	ML18Mn	C17E2C	
SCr420H	5120	1.7016	ML20Cr	17Cr3	
SWRCH22A	1022	1.1147	ML22Mn	C17E2C	
SWRCH25K	1025	1.1152	ML25	C20E2C	
SWRCH30K	1030		ML30		
SWRCH35K	1035	1.1172	ML35	C35EC	
SWRCH40K	1040		ML40		
SWRCH45K	1045	1.1192	ML45	C45EC	
			ML15Mn		
SWRCH24K			ML20MnA		
SWRCH25K	1026		ML25Mn		
SWRCH30K	1030		ML30Mn		
SWRCH35K	1035	1.1172	ML35Mn	C35EC	
SCr435H	5135	1.7034	ML37Cr	37Cr4	
SCr440	5135	1.7034	ML38CrA	37Cr4	
SCr440	5140	1.7035	ML40Cr	41Cr4	
SCM420	4118	1.7243	ML20CrMoA	18CrMo4	
SCM430	4130	1.7218	ML30CrMo	25CrMo4	
SCM435	4135	1.7220*	ML35CrMo	34CrMo4	
SCM435	4135	1.7220*	ML35CrMoA	34CrMo4	
SCM440	4142	1.7225	ML42CrMo	42CrMo4	
SCM440	4142	1.7225	ML42CrMoA	42CrMo4	

		1.5502	ML20B	17B2	
		1.5510*	ML28B	28B2	
		1.5514	ML35B	33B2	
SWRCHB620	1518	1.5520*	ML15MnB	17MnB4	
		1.5525	ML20MnB	20MnB4	
		1.5538	ML35MnB	37MnB5	
		1.7077	ML37CrB	36CrB4	
			ML20MnTiB		
			ML15MnVB		
			ML20MnVB		
			ML30CrMnSiA		
			ML16CrSiNi		
		1.6563	ML40CrNiMoA	41NiCrMo7-3-2	
SUM12	1109	1.0726	Y12	10S20	
SUM12	1212	1.0726	Y12	10S20	
SUM22L	12L13	1.0722	Y12Pb	10SPb20	
SUM22	1213	1.0715	Y15	11SMn30	
SUM22L	12L14	1.0718	T15Pb	11SMnNpB30	
SUM32	1117	1.0725	Y20	15SMn13	
	1132	1.0726	Y30	35S20	
	1137	1.0726	Y35	35S20	
SUM42	1141	1.0760*	Y40Mn	38SMn28	
			Y45Ca		
SUM12	1108	1.0721		10S20	
SUM42	1146	1.0727		46S20	
SUM21	1212	1.0721		10S20	
SUM22	1213	1.0715		11SMn30	
SUM22	1215	1.0736		11SMn37	
SUM22L	12L14	1.0737		11SMnPb37	
			Q295GNH		
SPA-C			Q295GNHL		
			Q345GNH		
SPA-H		1.8945	Q345GNHL	S355J0WP	
SPA-H		1.8946	Q345GNHL	S355J2WP	
			Q390GNH		
SMA400AW	SS Grade33[230]	1.8958	Q235NH	S235J0W	
SMA400BW	SS Grade33[230]	1.8961	Q235NH	S235J2W	
SMA400CW	SS Grade33[230]	1.8958	Q235NH	S235J0W	
	TypeIII	1.0050*	Q295NH	E295	
SMA490AW	TypeIII	1.8945	Q355NH	S355J0WP	
SMA490BW	TypeIII	1.8946	Q355NH	S355J2WP	
SMA490CW	TypeIII	1.8946	Q355NH	S355J2WP	
SMA570W	Type I	1.8903	Q460NH	S460NL	
SMA570P	Type I	1.8838	Q460NH	S460ML	
SUS201	201(S20100)	1.4372	1Cr17Mn6Ni5N	X12CrMnNi17-7-5	

SUS202	202 (S20200)	1.4373	1Cr18Mn8Ni5N	X12CrMnNi18-9-5	
SUS301	301 (S30100)		1Cr17Ni7		
SUS302	302 (S30200)	1.4307	1Cr18Ni9	X2CrNi18-9	
SUS302B	MT302	1.4307	1Cr18Ni9	X2CrNi18-9	
SUS303	303 (S30300)	1.4305	Y1Cr18Ni9	X8CrNiS18-9	
SUS303Se	303Se (S30323)		Y1Cr18Ni9Se	303S42	
SUS303Se	MT303Se (S30323)		Y1Cr18Ni9Se	303S42	
SUS304	304 (S30400)	1.4301	0Cr18Ni9	X5CrNi18-10	
SUS304TB	TP304 (S30400)	1.4301	0Cr18Ni9	X5CrNi18-10	
SUS304L	304L (S30403)	1.4306	00Cr19Ni10	X2CrNi19-11	
SUS304LTB	TP304L (S30403)	1.4306	00Cr19Ni10	X2CrNi19-11	
SUS304N1	304N (S30451)	1.4315	0Cr19Ni9N	X5CrNi19-9	
SUS304N2	XM-21 (S30452)		0Cr19Ni10NbN		
SUS304LN	304LN (S30453)	1.4311	00Cr18Ni10N	X2CrNi18-10	
SUS304LN	TP304LN (S30453)	1.4311	00Cr18Ni10N	X2CrNi18-10	
SUS305	305 (S30500)	1.4303	1Cr18Ni12	X4CrNi18-12	
SUS305	MT305 (S30500)	1.4303	1Cr18Ni12	X4CrNi18-12	
SUS309S	309S (S30908)		0Cr23Ni13		
SUS309STB	TP309S (S30908)		0Cr23Ni13		
SUS310S	310S (S31008)		0Cr25Ni20	310S31	
SUS310STB	TP310S (S31008)		0Cr25Ni20	310S31	
SUS316	316 (S31600)	1.4401	0Cr17Ni12Mo2	X5CrNiMo17-12-2	
SUS316TB	TP316 (S31600)	1.4401	0Cr17Ni12Mo2	X5CrNiMo17-12-2	
SUS316	MT316 (S31600)	1.4401	0Cr17Ni12Mo2	X5CrNiMo17-12-2	
SUS316N	316N (S31651)	1.4406	0Cr17Ni12Mo2N	X2CrNiMoN17-11-2	
SUS316N	TP316N (S31651)	1.4406	0Cr17Ni12Mo2N	X2CrNiMoN17-11-2	
SUS316L	316L (S31603)	1.4435	00Cr17Ni14Mo2	X2CrNiMo18-14-3	
SUS316LTB	TP316L (S31603)	1.4435	00Cr17Ni14Mo2	X2CrNiMo18-14-3	
SUS316L	MT316L (S31603)	1.4435	00Cr17Ni14Mo2	X2CrNiMo18-14-3	
		1.4571	1Cr18Ni12Mo2Ti	X6CrNiMoTi17-12-2	
SUS316Ti	316Ti (S31635)	1.4571	0Cr18Ni12Mo2Ti	X6CrNiMoTi17-12-2	
SUS316J1			0Cr18Ni12Mo2Cu2		
SUS316J1L			00Cr18Ni14Mo2Cu2		
SUS316LN	316LN (S31653)	1.4429	00Cr17Ni13Mo2N	X2CrNiMoN17-13-3	
SUS316LN	TP316LN (S31653)	1.4429	00Cr17Ni13Mo2N	X2CrNiMoN17-13-3	
SUS317	317 (S31700)	1.4436	0Cr19Ni13Mo3	X3CrNiMo17-13-3	
SUS317TB	TP317 (S31700)	1.4436	0Cr19Ni13Mo3	X3CrNiMo17-13-3	
		1.4571	0Cr18Ni12Mo3Ti	X6CrNiMoTi17-12-2	
SUS317L	317L (S31703)	1.4438	00Cr19Ni13Mo3	X2CrNiMo18-15-4	
SUS317LTB	TP317L (S31703)	1.4438	00Cr19Ni13Mo3	X2CrNiMo18-15-4	
SUS317J1	S31725		0Cr18Ni16Mo5		
SUS321	321 (S32100)	1.4541	1Cr18Ni9Ti	X6CrNiTi18-10	
SUS321TB	321H (S32109)	1.4541	1Cr18Ni9Ti	X6CrNiTi18-10	
SUS321HTB	TP321 (S32100)	1.4541	1Cr18Ni9Ti	X6CrNiTi18-10	
SUS321	TP321H (S32109)	1.4541	1Cr18Ni9Ti	X6CrNiTi18-10	

SUS321	321 (S32100)	1.4541	0Cr18Ni10Ti	X6CrNiTi18-10	
SUS321	TP321 (S32100)	1.4541	0Cr18Ni10Ti	X6CrNiTi18-10	
SUS321	MT321 (S32100)	1.4541	0Cr18Ni10Ti	X6CrNiTi18-10	
SUS347	347 (S34700)	1.4550*	0Cr18Ni11Nb	X6CrNiNb18-10	
SUS347TB	TP347 (S34700)	1.4550*	0Cr18Ni11Nb	X6CrNiNb18-10	
SUS347	MT347 (S34700)	1.4550*	0Cr18Ni11Nb	X6CrNiNb18-10	
SUSXM7		1.4567	0Cr18Ni9Cu3	X3CrNiCu18-9-4	
SUSXM15J1			0Cr18Ni13Si4		
SUS329J1	329 (S32900)		0Cr26Ni5Mo2		
SUS329J1TB	329 (S32900)		0Cr26Ni5Mo2		
			1Cr18Ni11Si4AlTi		
SUS329J3L	S31803		00Cr24Ni6Mo3N		
SUS329J4L	S31803		00Cr24Ni6Mo3N		
SUS329J3LTB	S31803		00Cr24Ni6Mo3N		
SUS329J4LTB	S31803		00Cr24Ni6Mo3N		
			1Cr21Ni5Ti		
SUS405	405 (S40500)	1.4002	0Cr13Al	X6CrAl13	
SUS405TB	405 (S40500)	1.4002	0Cr13Al	X6CrAl13	
SUS430	430 (S43000)	1.4016	1Cr17	X6Cr17	
SUS430TB	430 (S43000)	1.4016	1Cr17	X6Cr17	
SUS430F	430F (S43020)	1.4105	Y1Cr17	X6CrMoS17	
SUS434	434 (S43400)	1.4113	1Cr17Mo	X6CrMo17-1	
SUSXM27	XM-27 (S44627)		00Cr27Mo		
SUS429	429 (S42900)		1Cr15		
SUS429	MT429 (S42900)		1Cr15		
SUS430LX			00Cr17Mo		
SUS444	444 (S44400)	1.4521	00Cr18Mo2	X2CrMoTi18-2	
SUS444TB	444 (S44400)	1.4521	00Cr18Mo2	X2CrMoTi18-2	
			1Cr25Ti		
SUS403	403 (S40300)	1.4000*	1Cr12	X6Cr13	
SUS410S	410S	1.4000*	0Cr13	X6Cr13	
SUS410	410 (S41000)	1.4006	1Cr13	X12Cr13	
SUS410TB	410 (S41000)	1.4006	1Cr13	X12Cr13	
SUS420J1	420 (S42000)	1.4021	2Cr13	X20Cr13	
SUS420J2	420 (S42000)	1.4028	3Cr13	X30Cr13	
SUS420F	420F (S42020)		Y3Cr13		
		1.4031	4Cr13	X39Cr13	
SUS431	431 (S43100)	1.4057	1Cr17Ni2	X17CrNi16-2	
SUS431	MT431 (S43100)	1.4057	1Cr17Ni2	X17CrNi16-2	
SUS440A	440A (S44002)	1.4109	7Cr17	X70CrMo15	
SUS440A	MT440A (S44002)	1.4109	7Cr17	X70CrMo15	
SUS440B	440B (S44003)		8Cr17		
SUS440C	440C (S44004)		9Cr18		
SUS440C	440C (S44004)	1.4125	11Cr17	X105CrMo17	
SUS440F	440F (S44020)		Y11Cr17		

SUS440C	440C (S44004)	1.4125	9Cr18Mo	X105CrMo17	
SUS630	630 (S17400)	1.4542	0Cr17Ni4Cu4Nb	X5CrNiCuNb16-4	
SUS631	631 (S17700)	1.4568	0Cr17Ni7Al	X7CrNiAl17-7	
	632 (S15700)		0Cr15Ni7Mo2Al		
SUH35	EV8 (S63008)	1.4871	5Cr21Mn9Ni4N	X53CrMnNiN21-9	
SUH37		1.4828	2Cr21Ni2N	X15CrNiSi20-12	
SUH309	309 (S30900)	1.4833	2Cr23Ni13	X12CrNi23-13	
SUH310	310 (S31000)	1.4841	2Cr25Ni20	X15CrNiSi25-21	
SUH310TB	TP310 (S31000)	1.4841	2Cr25Ni20	X15CrNiSi25-21	
SUH330		1.4864	1Cr16Ni35	X12NiCrSi35-16	
SUH660	AISI660		0Cr15Ni25Ti2MoAlVB		
SUS304	304 (S30400)	1.4301	0Cr18Ni9	X5CrNi18-10	
SUS304-CSP	TP304 (S30400)	1.4301	0Cr18Ni9	X5CrNi18-10	
SUS304TKA	304 (S30400)	1.4301	0Cr18Ni9	X5CrNi18-10	
SUS304TKC	304 (S30400)	1.4301	0Cr18Ni9	X5CrNi18-10	
SUS304TB	304 (S30400)	1.4301	0Cr18Ni9	X5CrNi18-10	
SUS309S	309S (S30908)	1.4833	0Cr23Ni13	X12CrNi23-13	
SUS309STB	TP309S (S30908)	1.4833	0Cr23Ni13	X12CrNi23-13	
SUS309STPY	309S (S30908)	1.4833	0Cr23Ni13	X12CrNi23-13	
SUS310S	310S (S31008)		0Cr25Ni20	310S31	
SUS310STB	TP310S (S31008)		0Cr25Ni20	310S31	
SUS316	316 (S31600)	1.4401	0Cr17Ni12Mo2	X5CrNiMo17-12-2	
SUS316	TP316 (S31600)	1.4401	0Cr17Ni12Mo2	X5CrNiMo17-12-2	
			4Cr14Ni14W2Mo		
			3Cr18Mn12Si2N		
			2Cr20Mn9Ni2Si2N		
SUS317	317 (S31700)	1.4435	0Cr19Ni13Mo3	X2CrNiMo18-14-3	
SUS321	321 (S32100)	1.4541	1Cr18Ni9Ti	X6CrNiTi18-10	
SUS321	321H (S32109)	1.4541	1Cr18Ni9Ti	X6CrNiTi18-10	
SUS321	TP321 (S32100)	1.4541	1Cr18Ni9Ti	X6CrNiTi18-10	
SUS321	TP321H (S32109)	1.4541	1Cr18Ni9Ti	X6CrNiTi18-10	
SUS321	321 (S32100)	1.4878	0Cr18Ni10Ti	X8CrNiTi18-10	
SUS321	TP321 (S32100)	1.4878	0Cr18Ni10Ti	X8CrNiTi18-10	
SUS347	347 (S34700)	1.4550*	0Cr18Ni11N6	X6CrNiNb18-10	
SUS347TKA	TP347 (S34700)	1.4550*	0Cr18Ni11N6	X6CrNiNb18-10	
SUS347TB	MT347 (S34700)	1.4550*	0Cr18Ni11N6	X6CrNiNb18-10	
SUSXM15J1			0Cr18Ni13Si4		
SUSXM15J1TB			0Cr18Ni13Si4		
		1.4828	1Cr20Ni14Si2	X15CrNiSi20-12	
	314 (S31400)	1.4845	1Cr25Ni20Si2	X8CrNi25-21	
SUH446	446 (S44600)		2Cr25N		
SUH446	TP446-1 (S44600)		2Cr25N		
SUH446	TP446-2 (S44600)		2Cr25N		
SUH446	MT446-1		2Cr25N		
SUH446	MT446-2		2Cr25N		

SUS405	405 (S40500)	1.4002	0Cr13Al	X6CrAl13	
SUS405	TP405 (S40500)	1.4002	0Cr13Al	X6CrAl13	
SUS410L		1.4000*	00Cr12	X6Cr13	
SUS430	430 (S43000)	1.4016	1Cr17	X6Cr17	
SUS430TB	TP430 (S43000)	1.4016	ML1Cr17	X6Cr17	
SUS430	MT430 (S43000)	1.4016	1Cr17	X6Cr17	
	502 (S50200)		1Cr5Mo		
	HNv3 (S65007)	1.4718	4Cr9Si2	X45CrSi9-3	
SUH3		4.4731	4Cr10Si2Mo	X40CrSiMo10-2	
SUH4	HNv6 (S65006)		8Cr20Si2Ni		
			1Cr11MoV		
SUS410J1		1.4006	1Cr12Mo	X12Cr13	
SUH600			2Cr12MoVNbN		
			1Cr12WMoV		
SUH616	616 (S42200)		2Cr12NiMoWV		
SUH616	616 (S42200)		2Cr12NiMo1W1V		
SUS410	410 (S41000)	1.4006	1Cr13	X12Cr13	
SUS410TB	TP410 (S41000)	1.4006	1Cr13	X12Cr13	
SUS410		1.4024	1Cr13Mo	X15Cr13	
SUS410J1		1.4024	1Cr13Mo	X15Cr13	
SUS420J1	420 (S42000)	1.4021	2Cr13	X20Cr13	
SUS431	431 (S43100)	1.4057	1Cr17Ni2	X17CrNi16-2	
SUS431	MT431 (S43100)	1.4057	1Cr17Ni2	X17CrNi16-2	
			1Cr11Ni2W2MoV		
SUS630	630 (S17400)	1.4542	0Cr17Ni4Cu4Nb	X5CrNiCuNb16-4	
SUS631	631 (S17700)	1.4568	0Cr17Ni7Al	X7CrNiAl17-7	
SUS302B	302B (S30215)	1.4310*	1Cr18Ni9Si3	X10CrNi18-8	
SUH21			1Cr19Al3		
SUH409	409 (S40900)	1.4512	0Cr11Ti	X2CrTi12	
SUS403	403 (S40300)	1.4006	1Cr12	X12Cr13	
			1Cr19Al3		
			0Cr11Ti		
SWRH67B	1065	1.0612	65	C66D	
SWRH72B	1070	1.0615	70	C70D	
SWRH82B	1084	1.0616	85	C86D	
SWRH67B	1566		65Mn		
SWRH72B	1572		70Mn		
	9255	1.5026	55Si2Mn	56Si7	
			55Si2MnB		
			55SiMnVB		
SUP6	9260	1.7108	60Si2Mn	61SiCr7	
SUP7	9260	1.7108	60Si2Mn	61SiCr7	
SUP6	9260	1.7108	60Si2MnA	61SiCr7	
SUP7	9260	1.7108	60Si2MnA	61SiCr7	
		1.7102	60Si2CrA	54SiCr6	

		1.8152	60Si2CrVA	54SiCrV6	
SUP9	5155	1.7176	55CrMnA	55Cr3	
SUP9A	5155	1.7176	55CrMnA	55Cr3	
SUP9A	5160	1.7177	60CrMnA	60Cr3	
SUP13	4161	1.7241	60CrMnMoA	60CrMo3-3	
SUP10	6150	1.8159	50CrVA	51CrV4	
SUP11A	51B60H(H51601)		60CrMnBA		
			30W4Cr2VA		
			70Si2CrA		
		1.7102	55CrSiA	54SiCr6	
SUS302	302(S30200)		弹簧用1Cr18Ni9		
SUS304	304(S30400)	1.4301	弹簧用0Cr19Ni10	X5CrNi18-10	
SUS316	316(S31600)	1.4401	弹簧用0Cr17Ni12Mo2	X5CrNiMo17-12-2	
SUS631J1	631(S17700)	1.4568	弹簧用0Cr17Ni8Al	X7CrNiAl17-7	
			弹簧用1Cr17Ni7		
			GCr4		
SUJ2	52100		GCr15	(B1) 100Cr6	
			GCr15SiMn	(B3) 100CrMnSi6-4	
			GCr15SiMo		
			GCr18Mo	(B5) 100CrMo7	
	4118H		G20CrMo	(B22) 20MnCr4-2	
SNCM220	8620H		G20CrNiMo	(B28) 20NiCrMo2	
SNCM420	4320H		G20CrNi2Mo	(B29) 20NiCrMo7	
			G20Cr2Ni4		
	9310H		G10CrNi3Mo		
			G20Cr2Mn2Mo		
SUS440C			9Cr18		
SUS440C	440C		9Cr18Mo	(B52) X108CrMo17	
	M50(T11350)		Cr4Mo4V	(B60) 80MoCrV42-16	
	440CMOD		Cr14Mo4		
SK70			T7	C70U	
SK70			T7A	C70U	
SK80	W1A-8(T72301)		T8	C80U	
SK80	W1A-8(T72301)		T8A	C80U	
SK85			T8Mn		
SK85			T8MnA		
SK90	W1A-8 1/2 (T72301)		T9	C90U	
SK90	W1A-8 1/2 (T72301)		T9A	C90U	
SK105	W1A-9 1/2 (T72301)		T10	C105U	
SK95	W1A-9 1/2 (T72301)		T10A	C105U	
SK105	W1A-10 1/2 (T72301)		T11	C105U	
SK105	W1A-10 1/2 (T72301)		T11A	C105U	
SK120	W1A-11 1/2 (T72301)		T12	C120U	
SK120	W1A-11 1/2 (T72301)		T12A	C120U	
SK140			T13		



SK140			T13A		
S45C			SM45	C45U	
S48C			SM48	C45U	
S50C			SM50	C45U	
S53C			SM53		
S55C			SM55		
			9SiCr		
			8MnSi		
			Cr03		
SKS8			Cr06		
SUJ2	L3 (T61203)		Cr2	102Cr6	
			9Cr2		
SKS21	F1 (T60601)		W		
SKS41			4CrW2Si		
	S1 (T41901)		5CrW2Si	50WCrV8	
			6CrW2Si	60WCrV8	
	S4 (T41904)		6CrMnSi2Mo1V		
	S7 (T41907)		5Cr3Mn1SiMo1V		
SKD1	D3 (T30403)		Cr12	X210Cr12	
SKD11	D2 (T30402)		Cr12Mo1V1	X153CrMoV12	
SKD11			Cr12MoV		
SKD12	A2 (T30102)		Cr5Mo1V	X100CrMoV5	
	02 (T31502)		9Mn2V	90MnCrV8	
SKS31			CrWMn		
SKS3	01 (T31501)		9CrWMn	95MnWCr5	
			Cr4W2MoV		
			6Cr4W3Mo2VNb		
			6W6Mo5Cr4V		
			7CrSiMnMoV		
			5CrMnMo		
SKT4	L6 (T61206)		5CrNiMo	55NiCrMoV7	
SKD5	H21 (T20821)		3Cr2W8V	X30WCrV9-3	
			5Cr4Mo3SiMnVA1		
			3Cr3Mo3W2V		
			5Cr4W5Mo2V		
			8Cr3		
			4CrMnSiMoV		
	H10 (T20810)		4Cr3Mo3SiV	32CrMoV12-28	
SKD6	H11 (T20811)		4Cr5MoSiV	X37CrMoV5-1	
SKD61	H13 (T20502)		4Cr5MoSiV1	X40CrMoV5-1	
			4Cr5W2VSi	X35CrWMoV5	
			7Mn15Cr2Al3V2WMo		
	P20 (T51620)		3Cr2Mo	35CrMo7	
	P20 (T51620)		3Cr2NiMo	40CrMnNiMo8-6-4	
	P20 (T51620)		SM3Cr2Ni1Mo	40CrMnNiMo8-6-4	

SKH2	T1(T12001)		W18Cr4V	HS18-0-1	HS18-0-1
SKH3	T4(T12004)		W18Cr4VCo5		
SKH4	T5(T12005)		W18Cr4V2Co8		
SKH10	T15(T12015)		W12Cr4V5Co5		
SKH51	M2标准C(T11302)		W6Mo5Cr4V2	HS6-5-2	HS6-5-2
SKH52	M2高C(T11302)		CW6Mo5Cr4V2	HS6-6-2	HS6-6-2
SKH52	M3级别1(T11313)		W6Mo5Cr4V3		
SKH53	M3级别2(T11323)		CW6Mo5Cr4V3	HS6-5-3	HS6-5-3
SKH58	M7(T11307)		W2Mo9Cr4V2	HS2-9-2	HS2-9-2
SKH55			W6Mo5Cr4V2Co5	HS6-5-2-5	HS6-5-2-5
	M41(T11341)		W7Mo4Cr4V2Co5		
SKH59	M42(T11342)		W2Mo9Cr4VCo8	HS2-9-1-8	HS2-9-1-8
			W9Mo3Cr4V		
			W6Mo5Cr4V2A1		
SM400A	GradeA		A级		
SM400B	GradeB		B级		
SM400B	GradeD		D级		
SM400C	GradeE		E级		
SM490B	AH32		A32		
SM490B	DH32		D32		
SM490B	EH32		E32		
SM490C	FH32		F32		
SM490C	AH36		A36		
SM490C	DH36		D36		
SM490YA	EH36		E36		
SM490YB	EH36		E36		
SM490YA	FH36		F36		
SM490YB	FH36		F36		
SM490YA	AH40		A40		
SM490YB	AH40		A40		
SM570	DH40		D40		
SM570	EH40		E40		
	FH40		F40		
	Grade55[380]		CM370		
	HPS70W[HPS485W]		CM490		
	100[690]TypeQ		CM690		
	100W[690W]TypeQ		CM690		
			320级		
			360级		
			410级		
			460级		
			490级		
SPFC490	Grade42[290]	1.0050*	Q295GNHJ	E295	
SPA-H	Grade50[345]	1.8945	Q345GNHLJ	S355J0WP	
SPA-H	Grade50[345]	1.8946	Q345GNHLJ	S355J2WP	

SPA-H	Grade50[345]	1.8945	Q345GNHJ	S355J0WP	
SPA-H	Grade50[345]	1.8946	Q345GNHJ	S355J2WP	
SPA-C			Q310GNHLJ		
			Q310GNHJ		
		1.8961	Q245NHYJ	S235J2W	
			Q325NHYJ		
SM400B	36[250]	1.0038	Q235qC	S235JR	
SM400C	36[250]	1.0038	Q235qC	S235JR	
SM400B	36[250]	1.0117	Q235qD	S235J2	
SM400C	36[250]	1.0117	Q235qD	S235J2	
SPFC590	50[345]	1.0045	Q345qC	S355JR	
SPFC590	Grade50[345]	1.0045	Q345qC	S355JR	
SPFC590	50W[345W]	1.0577	Q345qD	S355J2	
SPFC590	50W[345W]TypeA	1.0546	Q345qE	S355NL	
STKT540	Grade55[380]		Q390qC		
STKT540			Q390qD		
STKT540			Q390qE		
SEV295	Grade60[415]	1.8912	Q420qC	S420NL	
SEV295	Grade60[415]	1.8836	Q420qC	S420ML	
SEV295	Grade60[415]	1.8912	Q420qD	S420NL	
SEV295	Grade60[415]	1.8836	Q420qD	S420ML	
SEV295	Grade60[415]	1.8912	Q420qE	S420NL	
SEV295	Grade60[415]	1.8836	Q420qE	S420ML	
	(PSL1)A25C1 I		S175 I (1类)		
	(PSL1)A25C1 II		S175 II (1类)		
	(PSL1)A	1.0319	S210 (1类)	L210GA	
	(PSL1)B	1.0459	S245 (1类)	L245GA	
	(PSL2)B	1.0459	S245 (2类)	L245GA	
	(PSL1)X42	1.0483	S290 (1类)	L290GA	
	(PSL2)X42	1.0483	S290 (2类)	L290GA	
	(PSL1)X46		S320 (1类)		
	(PSL2)X46		S320 (2类)		
	(PSL1)X52	1.0499	S360 (1类)	L360GA	
	(PSL2)X52	1.0499	S360 (2类)	L360GA	
	(PSL1)X56		S390 (1类)		
	(PSL2)X56		S390 (2类)		
	(PSL1)X60		S415 (1类)		
	(PSL2)X60		S415 (2类)		
	(PSL1)X65		S450 (1类)		
	(PSL2)X65		S450 (2类)		
	(PSL1)X70		S485 (1类)		
	(PSL2)X70		S485 (2类)		
	(PSL2)X80		S555 (2类)		
SD390	Grade420		24MnTi		
			钢筋Q215		

SE235			钢筋Q235	BSt420S/Grade250	Fe E235
SD345	Grade300		HRB335 (原20MnSi)		
SD390	Grade420		HRB400	Grade460	Fe E400
SD390	Grade420		HRB400	Grade460	Fe TE400
SD490	Grade520	1.0438	HRB500	BSt500S/Grade460	Fe E500
SD490	Grade520	1.0466	HRB500	BSt500M/Grade460	Fe TE500
SD490	Grade520	1.0438	HRB500	BSt500S/Grade460	TLE500
SD490	Grade520	1.0466	HRB500	BSt500M/Grade460	Fe LE500
SBPR785/930			PSB785		
SBPR785/1030			PSB785		
			PSB830		
SBPR930/1080			PSB930		
SBPR930/1180			PSB930		
SBPR1080/1230			PSB1080		
SBPR1080/1320			PSB1080		
SWRY11	EL12 (K01012)		H08A		
SWRY11			H08E		
SWRY11			H08C		
	EM12K (K01113)		H08MnA		
SWRY21			H15A		
	EM12K (K01113)		H15Mn		
YGT50			H10Mn2		
YGW-11	EH11K-EW (K11140)		H08Mn2Si		
YGW-11	EH11K-EW (K11140)		H08Mn2SiA		
YGW-16			H10MnSi		
			H10MnSiMo		
			H10MnSiMoTiA		
YGTm	EA2 (K11223)		H08MnMoA		
YGTm	EA3 (K11423)		H08Mn2MoA		
YGTm	EA3 (K11423)		H10Mn2MoA		
	EA3 (K11423)		H08Mn2MoVA		
	EA3 (K11423)		H10Mn2MoVA		
	EB2 (K11172)		H08CrMoA		
	EB2 (K11172)		H13CrMoA		
	EB2 (K11172)		H18CrMoA		
			H08CrMoVA		
			H08CrNi2MoA		
			H30CrMnSiA		
YFCM-C	EB1 (K11043)		H10MoCrA		
YGT50	EM13K-EW (K01313)		H08MnSi		
YS-S8	EH11K-EW (K11140)		H11MnSi		
YGT50	EH11K-EW (K11140)		H11Mn2SiA		
	ER209 (S20980)		H05Cr22Ni11Mn6Mo3VN	19 13 4 NL	19 13 4 NL
	ER218 (S21880)		H10Cr17Ni8Mn8Si4N		
	ER219 (S21980)		H05Cr20Ni6Mn9N		

	ER240 (S24080)		H05Cr18Ni5Mn12N		
			H10Cr21Ni10Mn6	18 8Mn	18 8Mn
	ER307 (S30780)		H09Cr21Ni9Mn4Mo	18 9MnMo	18 9MnMo
SUSY308	ER308 (S30880)		H08Cr21Ni10Si	20 10 3	20 10 3
SUSY308			H08Cr21Ni10	20 10 3	20 10 3
	ER308H (S30880)		H06Cr21Ni10	20 10 3	20 10 3
SUSY308L	ER308L (S30883)		H03Cr21Ni10Si	19 9H	19 9H
SUSY308L			H03Cr21Ni10	19 9H	19 9H
	ER308Mo (S30882)		H08Cr20Ni11Mo2	20 10 3	20 10 3
	ER308LMo (S30886)		H04Cr20Ni11Mo2	20 10 3	20 10 3
	ER308Si (S30881)		H08Cr21Ni10Si1	20 10 3	20 10 3
	ER308LSi (S30888)		H03Cr21Ni10Si1	20 10 3	20 10 3
SUSY309	ER309 (S30980)		H12Cr24Ni13Si	23 12 2L	23 12 2L
SUSY309			H12Cr24Ni13	23 12 2L	23 12 2L
SUSY309L	ER309L (S30983)		H03Cr24Ni13Si	23 12 2L	23 12 2L
SUSY309L			H03Cr24Ni13	23 12 2L	23 12 2L
SUSY309Mo	ER309Mo (S30982)		H12Cr24Ni13Mo2	23 12 2L	23 12 2L
	ER309LMo (S30986)		H03Cr24Ni13Mo2	23 12 2L	23 12 2L
	ER309Si (S30981)		H12Cr24Ni13Si1	23 12 2L	23 12 2L
	ER309LSi (S30988)		H03Cr24Ni13Si1	23 12 2L	23 12 2L
SUSY310	ER310 (S31080)		H12Cr26Ni21Si	25 20	25 20
SUSY310			H12Cr26Ni21	25 20	25 20
SUSY310S			H08Cr26Ni21	25 20	25 20
SUSY316	ER316 (S31680)		H08Cr19Ni12Mo2Si	19 12 2	19 12 2
SUSY316			H08Cr19Ni12Mo2	19 12 2	19 12 2
	ER316H (S31680)		H06Cr19Ni12Mo2	19 12 2	19 12 2
SUSY316L	ER316L (S31683)		H03Cr19Ni12Mo2Si	19 12 3L	19 12 3L
SUSY316L			H03Cr19Ni12Mo2	19 12 3L	19 12 3L
	ER316Si (S31681)		H08Cr19Ni12Mo2Si1	19 12 2	19 12 2
	ER316LSi (S31688)		H03Cr19Ni12Mo2Si1	19 12 3L	19 12 3L
SUSY316J1L			H03Cr19Ni12Mo2Cu2	20 10 3	20 10 3
SUSY317	ER317 (S31780)		H08Cr19Ni14Mo3	19 13 4 NL	19 13 4 NL
SUSY317L	ER317L (S31783)		H03Cr19Ni14Mo3	19 13 4 NL	19 13 4 NL
	ER318 (S31980)		H08Cr19Ni12Mo2Nb	19 12 3Nb	19 12 3Nb
	ER320 (N08021)		H07Cr20Ni34Mo2Cu3Nb		
	ER320LR (N08022)		H02Cr20Ni34Mo2Cu3Nb		
SUSY321	ER321 (S32180)		H08Cr19Ni10Ti		
	ER330 (N08331)		H21Cr16Ni35	18 36	18 36
SUSY347	ER347 (S34780)		H08Cr20Ni10Nb	19 9 Nb	19 9 Nb
	ER347Si (S34788)		H08Cr20Ni10SiNb	19 9 Nb	19 9 Nb
	ER383 (N08028)		H02Cr27Ni32Mo3Cu	27 31 4CuL	27 31 4CuL
	ER385 (N08904)		H02Cr20Ni25Mo4Cu	20 25 5CuNL	20 25 5CuNL
	ER19-10H (S30480)		H06Cr19Ni10TiNb		
	ER16-8-2 (S16880)		H10Cr16Ni8Mo2	16 8 2	16 8 2
	ER2209 (S39209)		H03Cr22Ni8Mo3N	22 9 3NL	22 9 3NL

	ER2553 (S39553)		H04Cr25Ni15Mo3Cu2N	25 9 3CuN L	25 9 3CuN L
	ER312 (S31380)		H15Cr30Ni9	29 9	29 9
SUSY410	ER410 (S41080)		H12Cr13	13	13
	ER410NiMo (S41086)		H06Cr12Ni4Mo	13 4	13 4
	ER420 (S42080)		H31Cr13		
			H06Cr14		
SUSY430	ER430 (S43080)		H10Cr17	17	17
	ER446LMo (S44687)		H01Cr26Mo		
	ER409 (S40900)		H08Cr11Ti		
	ER409Nb (S40940)		H08Cr11Nb		
	ER630 (S17480)		H05Cr17Ni4Cu4Nb		